



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4945

SERIAL NUMBER 10/644,098	FILING DATE 08/20/2003 RULE	CLASS 347	GROUP ART UNIT 2853	ATTORNEY DOCKET NO. Q77089
-----------------------------	---------------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Hiroshige Owaki, Nagano, JAPAN;
 Munehide Kanaya, Nagano, JAPAN;
 Takayoshi Katsumura, Nagano, JAPAN;

** CONTINUING DATA ***** *nu*

** FOREIGN APPLICATIONS ***** *ll*

JAPAN P2002-240420 08/21/2002
 JAPAN P2002-240421 08/21/2002
 JAPAN P2002-240422 08/21/2002

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 11/13/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY JAPAN	SHEETS DRAWING 16	TOTAL CLAIMS 26	INDEPENDENT CLAIMS 4
Verified and Acknowledged	<i>[Signature]</i> Examiner's Signature	<i>[Initials]</i> Initials			

ADDRESS
 23373
 SUGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
 SUITE 800
 WASHINGTON, DC
 20037

TITLE
 Liquid ejection head and liquid ejection apparatus using the same

FILING FEE	FEES: Authority has been given in Paper	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of
------------	-----------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------